

METHODS AND APPARATUS FOR EVENT LOGGING IN AN INFORMATION NETWORK

Abstract of the Disclosure

5 Methods and apparatus for logging, analysis, and reporting of events such as reboots in a
client device (e.g., consumer premises equipment in a cable network) using applications. In one
aspect, an improved event logging and monitoring system is provided within the device with
which the application(s) can interface to record event or error data. In one exemplary
embodiment, the client device comprises a digital set-top box having Java-enabled middleware
10 adapted to implement the various functional aspects of the event logging system, which registers
to receive event notifications (including resource exhaustion data) from other applications
running on the device. The network operator can also optionally control the operation of the
logging system remotely via a network agent. Improved client device and network
configurations, as well as methods of operating these systems, are also disclosed.

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